



## ***Pleuger MC6***

Rewindable Submersible Motor  
for Electrical Submersible Pumps

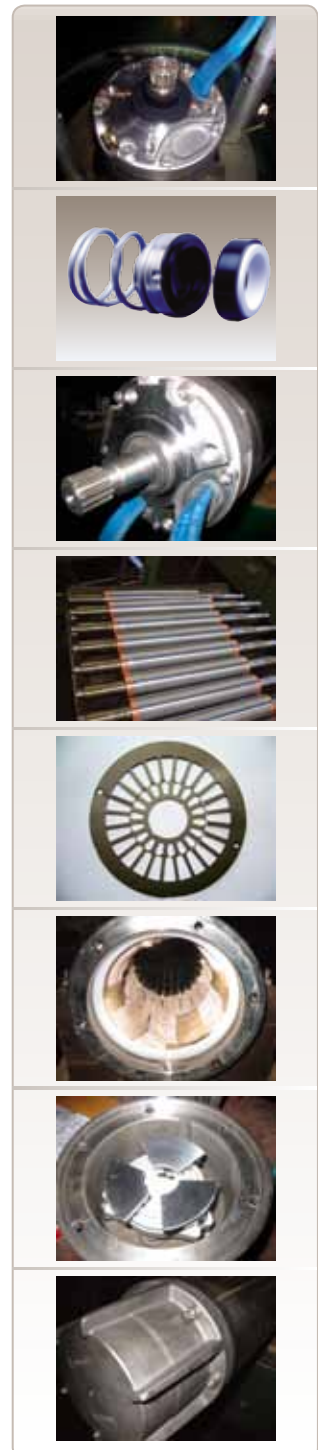
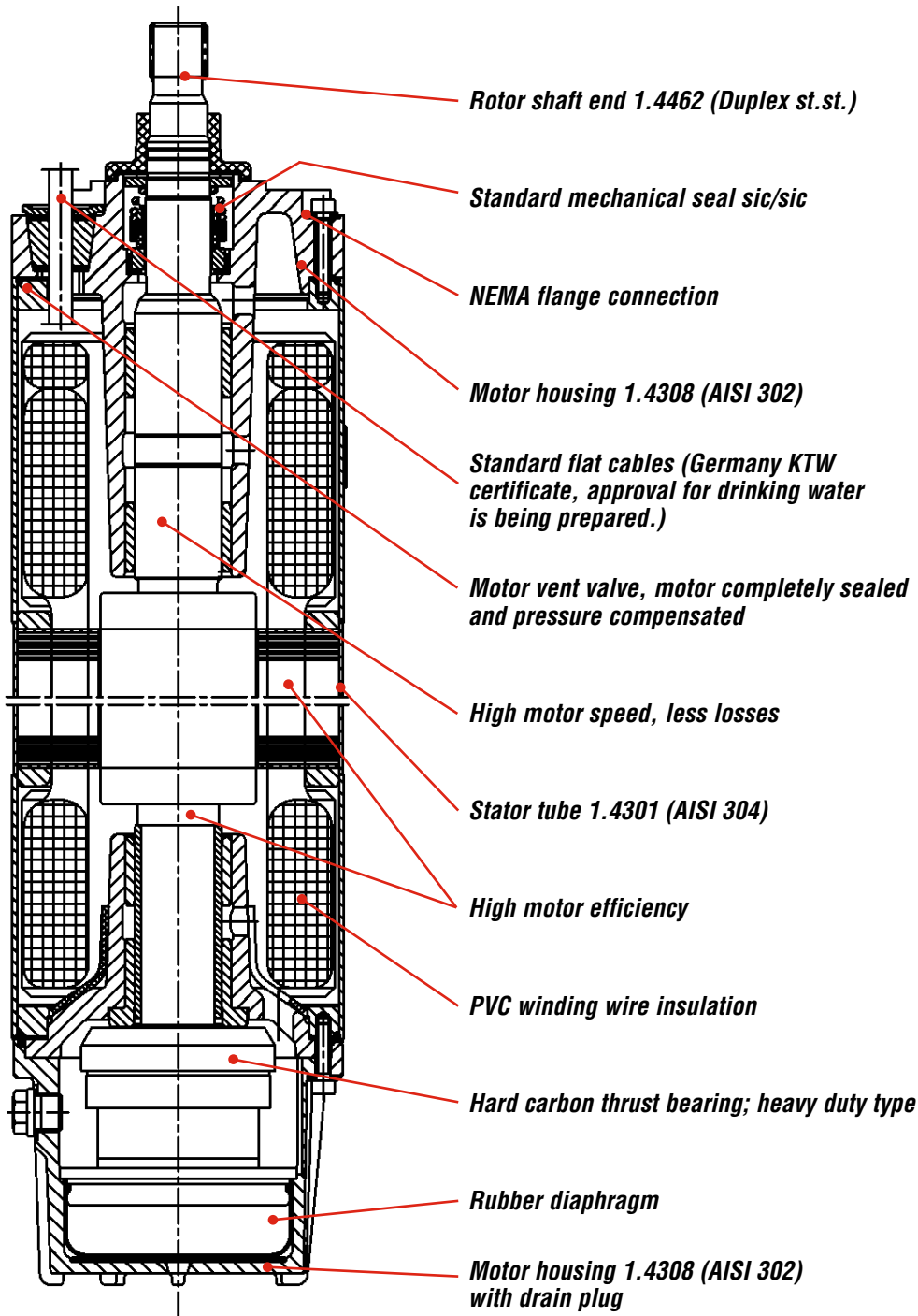


***Experience In Motion***

## **New MC6 Motor Design**

The Flowserve Pleuger MC6 motor design (water and glycol factory pre-filled) has been developed to meet customer requirements for a cost-efficient submersible motor. Shipping within a shorter than average lead-time, this new motor still retains the special features only a recognized name like Pleuger can offer.

Created as a standard version of already highly requested motors, the MC6 motor features the expected dependability found in Flowserve submersible motors. The motors are environmentally friendly while providing outstanding efficiency and reliability.



**Performance Data**

220 V - 500 V, 3-phase, 50 Hz				220 V - 575 V, 3-phase, 60 Hz				
	Power Output	Efficiency	Power Factor	Speed	Power Output	Efficiency	Power Factor	Speed
Motor Type	kW (hp)	%	(-)	RPM	kW (hp)	%	(-)	RPM
MC6-160-2	5.5 (7)	73.0	0.815	2855	6.4 (9)	75.0	0.780	3477
MC6-200-2	7.5 (10)	75.5	0.840	2840	8.5 (11)	77.5	0.810	3472
MC6-240-2	9.2 (12)	79.5	0.825	2855	11 (15)	81.0	0.805	3467
MC6-270-2	11 (15)	80.5	0.830	2850	13 (17)	82.0	0.815	3462
MC6-305-2	13 (17)	79.5	0.840	2845	15.5 (21)	81.5	0.825	3457
MC6-340-2	15 (20)	80.5	0.840	2845	18 (24)	82.0	0.825	3462
MC6-400-2	18.5 (25)	81.0	0.850	2840	22 (29)	82.5	0.835	3457
MC6-460-2	22 (29)	82.5	0.835	2850	26 (35)	84.0	0.815	3467
MC6-530-2	26 (35)	82.5	0.840	2850	31 (42)	84.0	0.830	3462
MC6-600-2	30 (40)	83.5	0.840	2850	36 (48)	85.0	0.825	3462
MC6-650-2 <sup>1</sup>	33 (44)	83.0	0.850	2840	40 (54)	84.5	0.840	3452
MC6-720-2 <sup>1</sup>	37 (50)	83.5	0.850	2845	45 (60)	85.0	0.840	3457

1. Models MC6-650-2 and MC6-720-2 are only available in 380 V - 575 V

**Dimensions**

Motor Type	Length	Weight <sup>2</sup>
	mm (inch)	kg (lbs)
MC6-160-2	554 (21.81)	38 (84)
MC6-200-2	594 (23.39)	42 (93)
MC6-240-2	634 (24.96)	46 (101)
MC6-270-2	664 (26.14)	49 (108)
MC6-305-2	699 (27.52)	63 (117)
MC6-340-2	734 (28.90)	57 (126)
MC6-400-2	794 (31.26)	64 (141)
MC6-460-2	876 (34.49)	71 (156)
MC6-530-2	946 (37.24)	79 (174)
MC6-600-2	1016 (40.00)	87 (191)
MC6-650-2	1066 (41.97)	93 (204)
MC6-720-2	1136 (44.72)	100 (220)

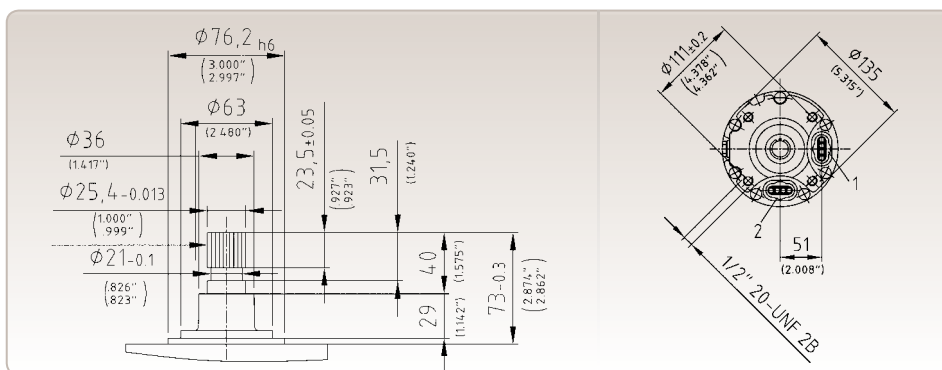
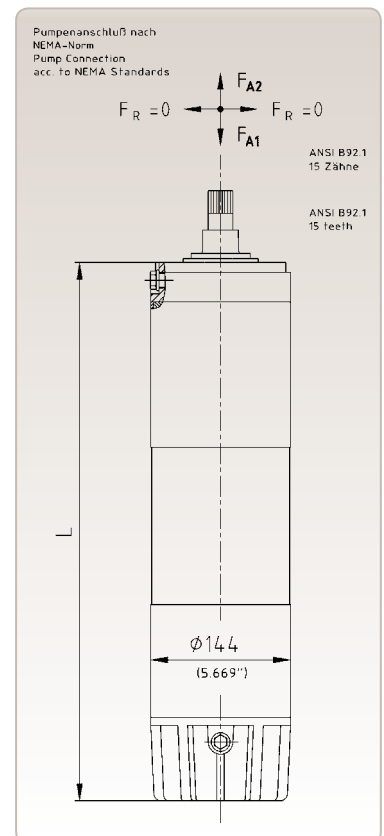
2. Weight without power supply cables

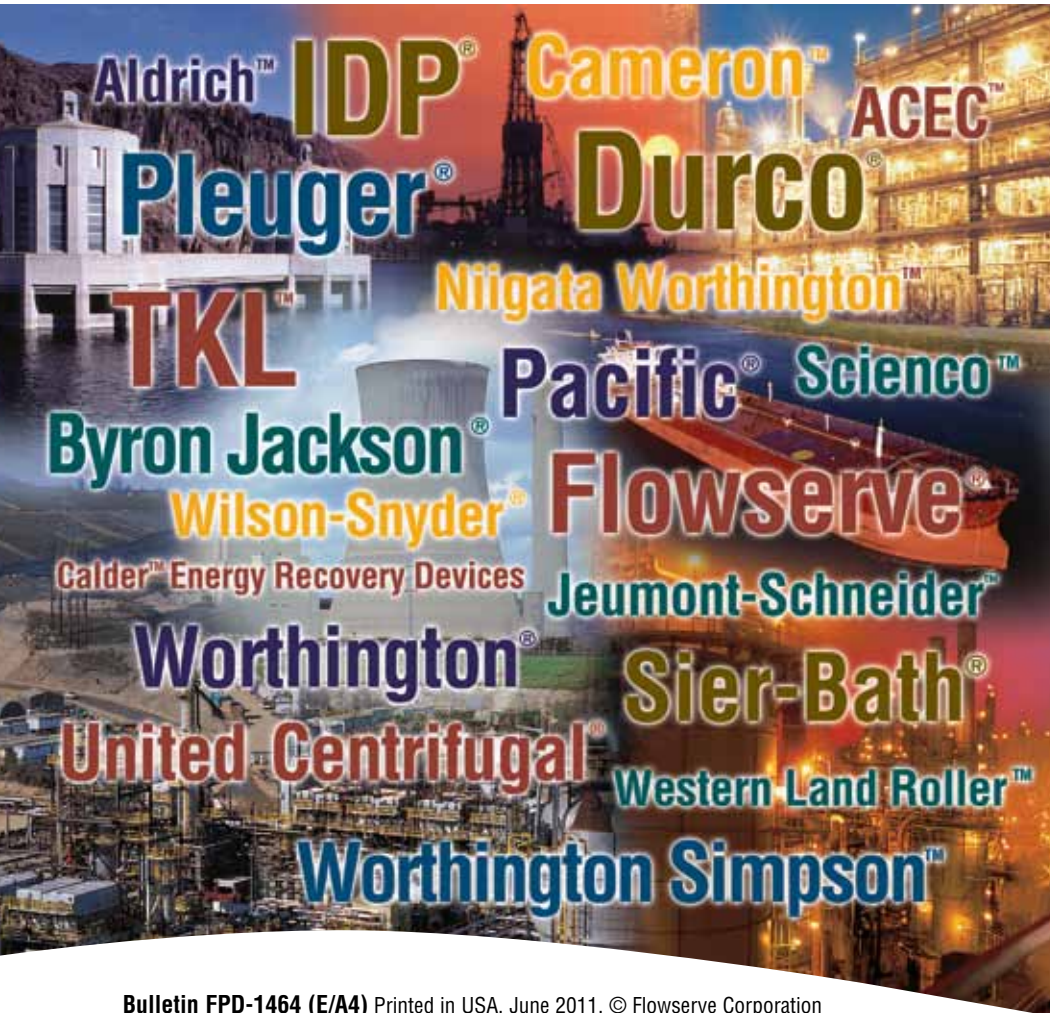
3. FA1= downthrust capacity

4. FA2= upthrust capacity

**Thrust Capacity**

Down <sup>3</sup> (FA1)	Up <sup>4</sup> (FA2)
kN (lbf)	kN (lbf)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
12.5 (2800)	6 (1350)
27.5 (6100)	6 (1350)
27.5 (6100)	6 (1350)
27.5 (6100)	6 (1350)
27.5 (6100)	6 (1350)
27.5 (6100)	6 (1350)
27.5 (6100)	6 (1350)
27.5 (6100)	6 (1350)





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